College of Micronesia-FSM
Business Administration Division
National Campus

COURSE SYLLABUS

Course Number: **IS201**
Course Title: **Computer Information System**
Credits: **3**
Pre-Requisite: **ESL089 and MS099**

Course Description:

The students will learn basic through advanced computer concepts with an emphasis on both the personal computer and enterprise computing. Topics include hardware, application and system software, the Internet and World Wide Web, communications, e-commerce, societal issues, database management, systems analysis and design, programming, information systems, career opportunities, certifications in the computer field, and computer trends.

PROGRAM LEARNING OUTCOMES (PLOs):

The student will be able to:
1. Demonstrate an in-depth understanding of technical concepts and ethical issues pertaining to information systems
2. Demonstrate theoretical knowledge and practical skills in the management and strategic use of information systems and technology.
3. Demonstrate proficiency in the use of different software applications significant to manipulating and analyzing information as well as generating and presenting reports in the various functional areas of business.
4. Demonstrate solid foundation skills in database design and management, web engineering, programming, and networking
5. Demonstrate the ability to adapt to latest technologies using their foundation knowledge and skills from CIS.

Course Objectives:

Upon successful completion of this course, students will be able to:
1. Identify the basic components of a computer system (i.e., input, processing, output, and storage) and various classifications.
2. Understand, in general way, the kinds of software available for both large and small scale business.

3. Identify storage media available for personal computers and appreciate the benefits of multimedia.
4. Know the basic components, data transmission methods, protocols, and communication links in computer networking.
5. Appreciate the significance of Internet, and understand the pervasiveness (universality/generality) and inevitability (certainty) of business on the Internet.
6. Become aware of the problem of computer crimes, and the need for security and privacy in the workplace and on the Internet.
7. Understand, in general, how to build, organize, and maintain a database.
8. Become acquainted with some major programming languages.

Class Time and Location:
Room: B-102
Time: 10:00-10:55A.M.

Professor Information:
Name: Joseph Felix Jr.
Office Location: F-103
Office Hours: 11:00-12:00P.M. (MWF)
          9:00-10:00A.M. (T-TH)
Phone: 3202480 (Ext: 157)
E-Mail: felixjr@comfsm.fm

Textbook:
Book Title: Discovering Computers 2012: Living a Digital World Complete
Author: Gary B. Shelly and Misty E. Vermaat
Publisher: Course Technology, Cengage Learning
Year: 2012

Methods and Instruction:
1. PowerPoint Presentation
2. Class Discussion
3. Lecture/Hands-on Practice
4. Individual and Group Research/Reporting

Composition of Final Grade

Breakdown	Points
Assignments	10
Presentations	20
Tests	70
Total Points	100

Points	Letter Grade
90-100	A
80-89	B
70-79	C
60-69	D
<60	F

Attendance Policy:
Students who are absent for more than six classes, will automatically be dropped from the course. The total missed classes include unexcused and excused absences, such as sickness, funerals, and other circumstances.

Classroom Policies:
1. No food or water is allowed in the classroom at all times.
2. Students coming to class on time will be awarded points. (i.e. 40-48=10pts, 30-39=8pts, 20-29=6pts, 10-19=4pts, 5-9=2pts, and 0-4=no points); these points will be added to student's lowest quiz of the semester.
3. No Internet usage is permitted during class hours unless instructor allows.
4. Students entering classroom after 5 minutes of class is considered absent.
5. During class hours, students need to ask instructor of going outside of classroom. Instructor will surely let the students go with good reasons. If student does not ask, warning will be given once. After that, it will cause the student another absent.
6. No sharing of textbook. Students who do not bring textbook with them to class everyday will cost them another absent.

Academic Honesty:
To ensure the integrity of the educational process and the institution, the College encourages honesty, and therefore does not condone cheating, plagiarism, or any related form of academic dishonesty which prevents an instructor from being able to assess accurately the performance of a student in any facet of learning.

COURSE TENTATIVE SCHEDULE

Schedule	Course Learning Objective	Topics	References	Assessments
Week 1 Week 2	1	Course Orientation Introduction to Computers	Chapter 1	Assignment 1
Week 3	1	Introduction to Computers cont.	Chapter 1	Quiz #1 (Chapters 1)
Week 4	2	The Internet and World Wide Web	Chapter 2	Assignment 2
Week 5				Quiz #2 (Chapter 2)
Week 6	3	Application Software	Chapter 3	Assignment 3
Week 7				Quiz #3 (Chapter 3)
Week 8	4	The Components of	Chapter	Assignme

		the System Unit	4	nt 4 **Quiz #4** (Chapter 4)
Week 9	5	Input	Chapter 5	**Assignme nt #5 Quiz #5** (Chapter 5)
Week 10	6	Output	Chapter 6	**Midterm Exam** (Chapter 1-6)
Week 11	7	Storage	Chapter 7	Assignme nt 5 Quiz #5
Week 12	8	Operating Systems and Utility Programs	Chapter 8	
Week 13	9	Communications and Networks	Chapter 9	Assignme nt 6 Quiz #6
Week 14	10	Database Management	Chapter 10	
Week 15	11	Computer Security, Ethics, and Privacy	Chapter 11	Assignme nt 7
Week 16	13	Programming Languages	Chapter 13	Quiz #7
Week 17	15	Computer Careers and Certification	Chapter 15	Assignme nt 8 Quiz #8
Week 18		Last Day of Instruction		Review for Final Exam
				Final Exam (Chapters 7-10, 13, 14)